GeForce® GTX 580 Classified Hydro Copper 3072MB

Part Number: **03G-P3-1593**

Extreme overclockers Vince "k|ngp|n" Lucido and Illya "TiN" Tsemenko are not satisfied with the overclocking capabilities of current generation graphics cards. They want overclocking capabilities and performance that exists beyond what is traditionally considered enthusiast level. To overcome this, they began to work with EVGA on designing a new card from the ground up that is 100% focused on being the single fastest and greatest overclocking card on the block. This was accomplished with the EVGA GeForce® GTX 580 Classified.

This card features a 14+3 Phase Power Design that can deliver over 1000W of power, and the redesigned cooling solution with an 8CM fan improves efficiency by as much as 30% (compared to the standard cooler). The NEC Proadlizer, Super Low ESR SP-Cap capacitors, and high frequency 3MHz shielded inductors provide clean and precise voltage control, and the onboard voltage probe points lets you monitor them with ease. Of course, full support for the EVGA EVBot means that you can overclock and monitor your card on the fly, and a special OC BIOS enables extreme overclocking mode.

The EVGA GeForce® GTX 580 Classified is engineered and designed to perform for everyone, from gamers to the top overclocking enthusiasts in the world. The dual slot top cooled design means that you do not need to worry about space or motherboard layout limitations, and this card supports everything from single card up to 4-way SLI™ out of the box.

SPECIFICATIONS

- Core Clock: 855 MHz
- Memory Clock: 4212 MHz Effective
- Shader Clock: 1710 MHz
- CUDA Cores: 512
- Bus Type: PCI-E 2.0
- Memory Detail: 3072MB GDDR5
- Memory Bit Width: 384 Bit
- Memory Speed: 0.4 ns
- Memory Bandwidth: 202.1 GB/sec
- Texture Fill Rate: 54.7 GT/s

KEY FEATURES

- Microsoft® DirectX® 11 Support
- NVIDIA® CUDA™ Technology with CUDA™ C/C++, DirectCompute 5.0 and OpenCL Support
- NVIDIA® PhysX® Technology
- NVIDIA® PureVideo™ HD Technology
- NVIDIA® 2-way, 3-way and 4-way SLI® Ready
- NVIDIA® 3D Vision Surround™ Ready
- PCI Express® 2.0 Support
- Two Dual-Link DVI-I HDCP Capable Connectors
- One EVBot Connector
- OpenGL 4.1 Support

REQUIREMENTS

- 600 watt or greater power supply with a minimum of 42 amps on the +12 volt rail.
- PCI Express or PCI Express 2.0 compliant motherboard with one x16 graphics slot.
- One 6-pin PCI Express power connector or two available hard disk power connectors and two 8-pin PCI Express power connectors connectors.
- Microsoft® Windows 7 / Vista / XP

EVGA Precision -

Monitor and control fan speeds, core clocks, temperatures, frame rates, take screenshots and more!
www.evga.com/precision

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EVGA is here for you day or night to help answer any questions!
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EVGA OC Scanner -

Built-in artifact scanning, benchmarking, and more, EVGA OC Scanner combined with Precision make the perfect combo.
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DIMENSIONS/WEIGHT

- Height: 6.15in - 156.21mm
- Length: 11in – 280mm
- Weight: 3lbs

ACCESSORIES

- EVGA Driver/Software Disc with EVGA Precision Tuning Utility
- (1) DVI to HDMI Adapter
- (1) DVI to VGA Adapter
- (1) 6 pin PCI-E Power Cable
- (1) 8 pin PCI-E Power Cable
- 1/2" High Flow Fittings (Barbs and Hose Clamps)
- 1/8" High Flow Fittings (Barbs and Hose Clamps)
- User Guide

PRODUCT WARRANTY

This product is covered under EVGA's warranty which covers parts and labor. For more details on the warranty length and terms of this specific product, please visit **www.evga.com/warranty**